

K"

EQUINE FL3011
Reports
RAKAPQ-56 Improvement Program

June 4, 1957

SYSTEM

XH-2 4.16 R. F. High Voltage Power Supply - STAT
XH-3
NAVY

The Rexolite box that was used in the thermal shock test was recemented so that an electrical characteristic check can be made on the vinyl silicone material which we are planning to use as a low insulating filler inside of the Rexolite box housing the high voltage components of the supply. In the meantime a cement recommended by the manufacturers of the Rexolite material is being shipped to us for our application.

All 6.23 P. E. Cell - STAT

Three P. E. Cell Test Sets have been built and tested. The set to go to IRC is ready for shipment. The one to go to Incoming Inspection is ready to be given to them. The rough draft of the Test Specification (T-612041) for the P. E. Cell 595R017H01 (IRC Type B10-M) has just come from typing today.

Time 13.23 AGC - Friedmann, STAT
Shared

Design a new AGC that will be less susceptible to r-f interference and to stray audio pickup.

Drafting is correcting the finished drawings of the new AGC.

All 22.13 25X1

LEGEND		SYSTEMS																														REMARKS										
		TIME SHARED																XH-2		XH-3		NAVY		XH-1																		
KIT NO	DESCRIPTION	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	01	02	03	01	02	03	04	05	01	01	02	03	04	05	06	07	08	09	10	DATE				
1	Recorder Cooler	S 4/15	S 4/16	S 4/23	S 3/13	S 3/13	S 5/14	S 5/3	S 5/3	* S 5/3	* S 5/3	* S 5/3	S 5/27	BIP					I	I	I	S 4/23	I	In Ken D E I T N	S	NA																
2	Camera Cooling	-I	I	3/29	3/29	3/29	I	I	I	4/24	4/24	4/24	4/24	BIP					I	5/14	5/14	N/A						I	NA												*Per Ed Arnold - Need Kit	
3	Camera Servo Motors	S 3/29	S 3/29	S 3/29	S 3/29	I													I	I	S 3/27	N/A																				
4	Focus & Alignment Fixture	S 4/3	S 4/4	S 4/4	S 4/4	I	N/A	N/A	N/A	BIP									I	I	S 4/3	N/A																		Reassigned new contact boards 5/14/57.		
5	Recorder 10 KV Power Supply	S 5/10	S 5/20	S 5/27	S 5/3	S 5/14	S 5/20	S 5/20	S 4/25	S 4/25	S 4/25	S 4/25	S 5/10	S 4/24					A	A	A	A	A	A	A	A	NA													With P.O. C-554 system replaced original unit from P.O. C-554. Replaced by kit from Eng. 5/14/57.		
6	Power Supply Fuse Protection for 20 v.	S 4/5	S 4/5	S 4/5	S 4/5	I	S 5/5	S 5/5	S 5/5	S 5/5	BIP								N/A																							
7	Focus Alignment Fixture Provide for Rear Antenna Feed	S 4/11	S 4/11	S 5/20	S 5/20	S 5/8	I	S 5/16	S 5/16	S 5/3	S 5/3	S 5/3	S 5/8	S 5/20	S 5/20	S 5/16			N/A																					Waiting on P. O. C-554 New From 5/7.		
8	Control Panel to Prevent Synchro Damage	S 4/5	S 4/5	S 4/5	S 4/5	I	S 4/5	S 5/5	S 4/5	S 4/5	S 4/5	S 4/5	BIP						I	I	I	S 4/16	I	BIP																	Need XH-2 Kit from Engr.	
9	Synthesizer - Replace Clutch in Alt. Serv.	S 5/3	S 5/3	S 5/3	S 5/3	S 5/3	I	S 5/3	S 5/3	S 5/3	S 5/3	S 5/3	BIP						S 4/30	S 4/30	S 5/9	S 4/29	I	BIP																		
10	Power Supply Decrease 400 V Ripple	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	S 3/25	BIP				N/A																							
11	Maggie Seal	S 5/2	S 5/2	S 5/16	S 5/16	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	BIP					I	I	I	S 3/29	I	BIP																		
12	Ant. System Adjust Angle of Pod	N/A	N/A	N/A	N/A	N/A	S 5/8	N/A	* S 4/22	* S 4/22	BIP	BIP	N/A	N/A	N/A	N/A	N/A	N/A																							All papers reshipped by 5/16/57.	
13	Ground Range Sweep Add Clamping Circuit	S 4/5	S 4/5	S 4/12	S 4/12	S 4/12	I	S 4/24	S 4/24	S 4/24	S 4/12	S 4/12	S 4/12	BIP	BIP	BIP			I	I	S 4/10	S 4/8	I	In New Design	BIP	N/A																S/N Os reshipped 5/3/57.
14	Cabling, Accessories and Hatzguide W/O	N/A	N/A	S 5/27	S 5/27	N/A	S 5/27	S 5/8	S 5/27	S 5/27	S 5/27	S 5/27	S 5/27	S 5/27	N/A	N/A	N/A	S 5/8	N/A																							
15	AOC Clamp Video Amp.	I	I	5/29	5/29	5/29	S 5/20	S 5/20	S 5/29	S 5/29	S 5/29	S 5/29	S 5/29	BIP					N/A																						Waiting for Engr. Instrum on new shipping address.	
16	Name Plates Replace Temporary	N/A																																								
17	Cooling Fans Maggie & Klystron	S 5/13	S 5/13	A	A	A	A	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	S 5/14	BIP					I	S 4/22	S 4/23	I	I	BIP																	*No O. B. Mott - Kit due from Engr.	
18	Trigger Circuit (Overload at Turn-On)	I	I	S 5/29	S 5/29	S 5/29	S 5/5	S 5/5	S 5/5	S 5/5	S 5/5	S 5/5	S 5/5	S 5/5	BIP				N/A																					Waiting for Engr. Instructions on new shipping address.		
19	Rectifier R.P. Head	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	S 4/5	BIP				N/A	N/A	N/A	S 4/5	S 4/5	BIP																		
20	Recorder Mometal Shield	I	I	I	S 5/10	S 5/10	S 5/10	N/A																																		